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PROPAGANDIZING KNOWLEDGE AND THE INTRODUCTION OF ACHIEVEMENTS
OF SCIENCE INTO PRODUCTION -- AN URGENT PROBLEM OF VETERINARY SPECIALISTS

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[Digest]

Considerable progress has been made by the majority of veterinary scientific research institutions of the Ministry of Agriculture during 1949 and the first quarter of 1950 in the development of measures for controlling infectious diseases of farm animals and applying these measures in practice.

At the All-Union Institute of Experimental Veterinary Medicine, in addition to Professor G. M. Bosh'yan's well-known work, there have been a number of other important developments.

The results of the extensive testing of the new preparation proposed by A. V. Dorogov, Candidate of Veterinary Sciences, have opened new perspectives in the therapy of diseases which previously had been difficult or impossible to treat.

Besides this, the institute has introduced brucellohydrolyzate into practice, and conducted a great deal of work on the control of sterility, a number of tests on new vaccines for foot-and-mouth disease, Aujezsky's disease, and swine erysipelas, and work on the control of brucellosis, tuberculosis, and protozoiasis as well as other diseases.

The State Scientific Control Institute of Veterinary Preparations, directed by Professor Ya. R. Kavalenko, has introduced into production a vaccine against paratyphoid of young pigs, a preparation for which Candidate M. M. Ivanov, who developed it, received the Stalin Prize. Also newly developed were an aluminum hydroxide formol vaccine against swine erysipelas (G. D. Glykhobtsev), a bivalent formol-alum vaccine against braxy and enterotoxemia of sheep (A. V. Lyashkin), a formol-alum vaccine against pasteurellosis of cattle (N. M. Nikiforov), brucellosis vaccines and serums (M. K. Yukovets), and some other preparations.

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The Far Eastern Zone Scientific-Research Veterinary Institute, of which S. D. Pozdeyev is the director, introduced into production a vaccine and serum against diplococcal diseases of young farm animals (K. P. Chepurov), and an inexpensive hydrolysis hydrolyzed medium derived from peas or containing the substance of peas which reduces the cost of preparing biological preparations without detracting from their quality (K. N. Buchnev, Candidate of Veterinary Sciences).

Although many institutions are doing a fine job in the development and introduction into practice of measures for controlling infectious diseases, there is still much room for improvement. The program for dissemination of scientific developments among the sovkhozes and kolkhozes must be further strengthened and improved in the future.

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